AEE/SPD/Yzone/SBR 10/1516
30-09-15

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Job Code Number: 008-15-000072 Budget Head: P1237

No :II & Final bill Date:

Division **SWD-Yelahanka zone**

Bill Received No. 19 Date: 30/9/15 Cash Book Voucher No..... dated.....

Scheduled Docket No.

Name of Work (as per sanctioned estimate) **Name of Work: Remodeling of SWD BP 026 (BY03) from BB Nagara, Kodigehalli to H-200 primary drain near Nagashettihalli main road in ward no.08, in Yelahanka Zone**

Name of Contractor and Full Address: **Sri G.L.Yadugiri, Bangalore**

Reference to Agreement No. **EE/SWD/YZ/07/2014-15**

Estimated Cost : Rs. 160.00 Lakhs **W.O. No. EE/SWD/YZ/WO/06/2014-15**

Certified that the measurement were taken by me on 4/5, 18/5, 23/5, 26/5, 29/5, 31/5, 1/6, 4/6, 10/6, 15/6, 19/6, 23/6, 10/8 and recorded of pages 75878 to 75883

Certified that the measurements were taken by me on 21/8/15 And found correct.

the work is satisfactorily executed.

Contractor

Officer-In-Charge of work

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreen upon. A normal agreement signed and executed by the contractor is recorded in the office.

if Memorandum of Payment

Assistant Executive Engineer
Storm Water Drain Sub Division,
Yelahanka zone,
Gruhat Bengaluru Mahanagara Palike

Sub-Division Officer

1) Total value of work done or supplies made as per account within	Total Prodate 1,58,47,800 -
2) Deduct amount to be held in reserve being.....percent Rs.....	⊖ PP 1,42,42,700 -
3) Deduct amount to be held in Balance	Presently 16,05,100 -
4) Deduct Payments:	
a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No.....	IT 1% 16060 -
Amount adjusted towards cash advance recovery of	Vat 4% 64210 -
b) Payments cost store or other materials supplied	Royalty 4200 -
Now made recovery of amount creditable to this/other work	CessRo 1% 1620 -
Amount paid on this bill Cheque/Cash	Lice 1% 16060 -
5) Balance being unpaid value of work done held in reserve	Deduct 102150 .
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments	
7) Net amount due to or from contractor	
Unadjusted items	
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	

Contractor's Signature

Received Rs.....(in words)

.....

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated..... Signature of Contractor

Stamp

(For use in the Office)

Paid by me by cheque No.....dated.....

Cast Rs.....dated.....

Na 16,05,100 -

Pay by cheque Rs. 15,02,950 -

By adjustment Rs. 1021 50

Initials of Officer making payment **Executive Engineer**

Executive Engineer

22	Collecting, conveying and disposal of surplus / excavated earth to designated dupmping site (15.00 kms) as directed by the Engineer in charge.	910.28 Cum	833.79	83379.00	76.49	100.0	7649.00	910.28	91028.00
	Grand Total in Rs			~~14242752.16~~			~~1607991.00~~		~~15850743.16~~
	Rupees in words :			14242700			1605100		15847800

CERTIFICATE:

1 Work done is satisfactory.

2 There are no departmental issues made to the contractor.

3 The contractor has cleared all debries from work spot.

Assistant Engineer
SWD, Yelahanka Zone
BBMP, Bangalore

~~Asst.~~Executive Engineer
SWD,Yelahanka Zone,
BBMP, Bangalore

10	KSRRB M2100-20.2 : Plain / Reinforced Cement concrete in open foundation with OPC cement design mix M35 @ 390 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.68 cum and fine aggregates @ 0.45 cum with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed-2010complete as per drawing and technical specification. Case-II : With Batching Plant, Transit Mixer and Concrete Pump. MORTH Specification No.1500, 1700 & 2100 with all lead and lifts as directed by the Engineer-in-charge.	399.83 Cum	376.75	2317012.50	23.08	6150.0	141942.00	399.83	2458954.50
11	20mm and down size graded granite metal coarse aggregates @ 0.68cum and fine aggregates @ 0.45 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008 i) upto 5m height with all lead and lifts as directed by the Engineer-in-charge.	195.55 Cum	185.57	1280433.00	9.98	6900.0	68862.00	195.55	1349295.00
12	KSRRB M2300-8.1 : Furnishing and Placing Reinforced / Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D.RCC/PSC with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.68cum and fine aggregates @ 0.45cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. Case-II : Using Batching plant, Transit mixer & concrete pump Height upto 5m with all lead and lifts as directed by the Engineer-in-charge.	322.08 Cum	306.93	2148510.00	15.15	7000.0	106050.00	322.08	2254560.00
13	KSRRB M2200-6: Supplying, fitting and placing TMT bar reinforcement in sub-structure as per drawing and Technical Specifications complete as per specifications. MORTH Specification No.1600 & 2200 with all lead and lifts as directed by the Engineer-in-charge.	64.03 M.T.	62.55	4503600.00	1.48	72000.0	106560.00	64.03	4610160.00
14	KSRRB M2300-14 : Supplying, fitting and placing TMT bar reinforcement in super-structure complete as per drawing and technical specifications complete as per specifications. MORTH specification No.1600 with all lead and lifts as directed by the Engineer-in-charge.	34.27 M.T.	33.76	2430720.00	0.47 ~~0.51~~	72000.0	33840 ~~36720.00~~	34.23 ~~34.27~~	246456.0 ~~2467440.00~~
15	Providing 90mm dia PVC pipes 10 KSC for weep holes as directed by the Engineer in charge.	129.20 Rmtr	120.80	41072.00	8.40	340.0	2856.00	129.20	43928.00
16	KSRRB M2700-7 : Reinforced cement concrete M30 approach slab including reinforcement and form work complete as per drawings and technical specifications complete as per specifications.MORTH specification No.1500, 1600, 1700, & 2704 with all lead and lifts as directed by the Engineer-in-charge.	73.35 Cum	0.00	0.00	73.35	10500.0	770175.00	73.35	770175.00

17	KSRRB M2600-4 : (iii) Providing and fixing in position 20mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10m to cater for a horizontal movement upto 20mm covered with sealant complete as per drawing & Technical specification complete as per specifications. MORTH specification No.2605 with all lead and lifts as directed by the Engineer-in-charge.	Rmtr	0	0.00	0.00	0.00	200.0	0.00	0.00	0.00
18	KSRRB 300-49 : Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials within a lead of 100 mtrs including cost of all labour charges complete as per specifications. MORTH / Chapter 3 with all lead and lifts as directed by the Engineer-in-charge.	Sqm	169	0.00	0.00	169.00	60.0	10140.00	169.00	10140.00
19	KSRRB 300-45 : Scarifying stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stackign of old serviceable materials within a lead of 100 metres by manual means including cost of all labour charges complete as per specifications. MORTH / Chapter 3 with all lead and lifts as directed by the Engineer-in-charge.	Sqm	169	0.00	0.00	169.00	50.0	8450.00	169.00	8450.00
20	KSRRB M400.14.1 : Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel / vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse agreegate, watering and compacting to the required density complete as per specification.A by Manual means. Type A 13.2mm for grading II. MORTH Specification No.404 with all lead and lifts as directed by the Engineer-in-charge.	Cum	32.63	0.00	0.00	32.63	1500.0	48945.00	32.63	48945.00
21	KSRRB M400.14.1 : Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel / vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse agreegate, watering and compacting to the required density complete as per specification.A by Manual means. Type B 11.2mm for grading III. MORTH Specification No.404 with all lead and lifts as directed by the Engineer-in-charge.	Cum	21.41	0.00	0.00	21.41	1700.0	36397.00	21.41	36397.00

Name of Work: Remodeling of SWD BP 026 (BY03) from BB Nagara, Kodigehalli to H-200 primary drain near Nagashettihalli main road in ward no.08, in Yelahanka Zone

Second and Final bill

I No	Item of Work	Unit	Previous Measurement		Present Measurement			Total Up-to-date	
			Qty	Cost	Qty	Rate	Cost	Qty	Cost
1	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complte. 1.50 mtrs depth below LWL with all lead and lifts as directed by the Engineer-in-charge.	466.87 Cum	462.44	157229.60	4.43	340.0	1506.00	466.87	158735.60
2	KSRRB M2100-5.1: Earth work in excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications. "V. Marshy soil - A.Manual Means upto 3 m depth . MORTH Specification No.304 with all lead and lifts as directed by the Engineer-in-charge.	355.49 Cum	353.34	42400.80	2.15	120.0	258.00	355.49	42658.80
3	KSRRB M200-12.3 Dismantling of Existing Structures like Culverts,Bridges,Retaining Walls and other structures comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding where ever necessary,sorting the dismantled material,disposal of unserviceable material and stacking the seviceable material with all lifts complete as per specifications.(Prestressed/ reinforced cement concrete grade M20 and above) with all lead and lifts as directed by the Engineer-in-charge.	31.92 Cum	31.92	31600.80	0.00	990.0	0.00	31.92	31600.80
4	KSRRB M200-15.2 : Dismantling of existing structures like culverts, bridges retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work including T & P and scaffolding wherever necessary sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres complete as per specification.iii) Dismantling Stone Masonry. B.Rubble Stone masonry in cement mortar with all lead and lifts as directed by the Engineer-in-charge.	164.85 Cum	164.85	37915.50	0.00	230.0	0.00	164.85	37915.50

5	KSRRB M200-12.2: Dismantling of existing structures like culverts, bridges retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work including T & P and scaffolding wherever necessary sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres complete as per specification. i) Lime/Cement concrete. I.By Manual means : A. Lime/Cement Concrete, I.By Manual means : B cement concrete Grade M-15 & M-20 with all lead and lifts as directed by the Engineer-in-charge.	135.03 Cum	120.80	42280.00	14.23	350.0	4980.00	135.03	47260.00
6	KSRRB M2100-2.1 : Earth work in excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications. B. Mechanical Means (i) Depth upto 3 m. MORTH Specification No.Section 304. In ordinary soil with all lead and lifts as directed by the Engineer-in-charge.	1795.08 Cum	1667.59	7337~~3.00~~ 4.00	127.49	44.0	5609.00	1795.08	7898~~2.00~~ 3.00
7	KSRB 2.8 : Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead upto 50m and lift of 1.5m complete as per specifications.Specification No.KBS with all lead and lifts as directed by the Engineer-in-charge.	239.54 Cum	226.50	453000.00	13.04	2000.0	26080.00	239.54	479080.00
8	KSRRB M2100-10 : Plain cement concrete M 10 with OPC cement @ 220 kgs with crushed 40mm and down size graded grantie metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications. MORTH Specification No.2100 with all lead and lifts as directed by the Engineer-in-charge.	120.54 Cum	113.25	600225.00	7.29	5300.0	38637.00	120.54	638862.00
9	KSRRB M2700-6 : PCC M15 Grade leveling course below approach slab complete as per drawings and technical specifications complete as per specifications. MORTH specification No.2700 with all lead and lifts as directed by the Engineer-in-charge.	33.85 Cum	0.00	0.00	33.85	5500.0	186175.00	33.85	186175.00